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# LG 76203 Owner's Manual

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\* The color vary in each model

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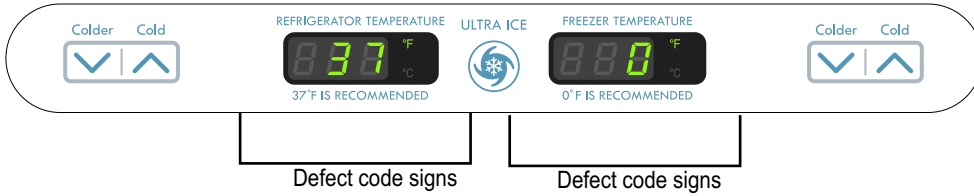
----- Manual continues below -----

## FAILURE DIAGNOSIS TABLE

### Defect Diagnosis Function

Micom error are separated in "Main Errors" (Affect directly refrigerator performance) and "Secondary Errors" (don't affect the refrigerator performance).

To check in Display the error present, is necessary press Cold key on freezer and Cold key on refrigerator more than 1 Second, if no there any error, all LED will be illuminated, if a main error is present, only certain LED will be illuminated, in case of secondary errors, only one LED or icon will not illuminated.



### ERROR CODE on display panel

No.	Item	Error Indication		Contents	Remarks
1	Normal	NOTCH Indication		None	DISPLAY switch operates normally
2	Failure of Freezer sensor	Er	Fs	Cut or short circuit wire	Inspect Connecting wires on each sensor
3	Failure of Refrigerator sensor	Er	rS	Cut or short circuit wire	
4	Failure of Defrost sensor	Er	dS	Cut or short circuit wire	
5	Failure of Defrost mode	Er	dH	When defrost sensor does not reach 8°C within 1 hour after starting defrost.	Snapping of defrost heater or temperature fuse, pullout of connector (indicated minimum 2h after a failure occurs)
6	Failure of BLDC fan motor at freezing compartment	Er	FF	If there is no fan motor signal for more than 115 sec in operation fan motor.	Poor motor, hooking to wires of fan, contact of structures to fan, snapping or short circuit of lead wires.
7	Failure of Icemaker Kit	Er	It	Failure of wires such as motor in I/M KIT GEAR, HALL IC	When the ice ejecting does not operated on pressing the I/M TEST S/W
8	Failure of Icemaker sensor	Er	IS	Snapping or short circuit of ice making sensor	Connecting wire Test On Sensor

**Primary Error:** F sensor, R1 sensor, D sensor, defrost errors, F-FAN errors.

**Secondary Error:** I / M sensors, I / M Kit

When an error occur the first 3 hours the Primary Error and Secondary Error is indicated in the display check mode (Pressing Cold key on freezer and Cold key on refrigerator more than 1 Second). After the 3 hours and if the error is still present the Primary Error will show in the display automatically (See Note 1) and the Secondary Error is indicated in the display check mode.

Note1: In the Primary Error after 3 hours of the error occur all display lights turn OFF except the Freezer Temperature (Trouble Code Index) indicating the failure mode.

\*LED check function: When there's no error, If simultaneously pressing the Cold key of refrigerator Temp and the Cold key of freezer temp for a second, all display LED graphics on. If releasing the button, the LED graphics displays the previous status.

## PCB TEST BUTT

### TEST Mode

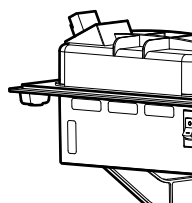
- The Test mode allows checking the PCB, finding out the defective part in case of error.
- The test mode is operated by pressing the TEST switch (on the main Board) once.
- While in the test mode, the function code is displayed and a recognition tone (beep~) sounds.
- After exiting the test mode, be sure to turn off the power to the appliance.
- If an error, such as a sensor failure, is detected, the error code is displayed and the error is cleared.
- While an error code is displayed, the test mode is terminated.

MODE	OPERATION	REMARKS
TEST1	Push ULTRA ICE & COLDER (F) KEYS for 3sec. Or Push TEST switch (on the main Board) once. <Cooling MODE>	1. Continuously display COMB. 2. Continuously display STEP. 3. Defrost. 4. Every
TEST2	Push ULTRA ICE & COLDER (F) KEY for 3sec. In TEST MODE or Push TEST switch once in TEST MODE 1 <Forced desfrosting MODE>	1. COMB. 2. Freez. 3. STEP. 4. Defro. 5. Displa
Return to Normal	On TEST 2 press ULTRA ICE & COLDER (F) KEY for 3 sec.	Return

\* Freezer Fan RPM Variable Check: If the freezer fan is in operation when the COLD RE keys are pressed for more than one second at the same time, the fan speed, to normal speed or if normal speed, to high speed. After 30 seconds, it turns to its original RPM.

- \* Demonstration (Display) MODE:
- To enter this mode, raise either the Refrigerator or Freezer Temp key and hold for about 5 seconds.
  - The LED panels will display OFF, to indicate that the refrigerator is not operating.
  - The Open Door Alarm and the Lamp Auto-Off feature will be disabled.
  - To reset to normal operation, press and hold either the COLDER (F) or COLDER (R) key for 3 seconds.

## IC



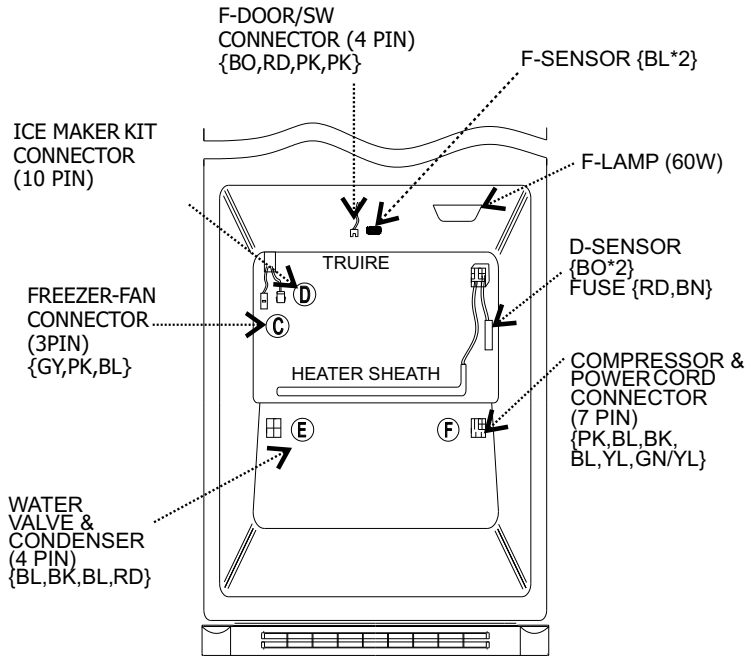
### 1. ICEMAKER

Test Control

- To operate LINE and SERVICE for 3 seconds. The icemaking cycle is: Harvest → Fill → Icemaking

**IMPORTANT DO NOT DESTROY**  
**WIRING DIAGRAMS, SERVICE AND PARTS INFORMATION INCLUDED**  
**REPOSITION TO ORIGINAL LOCATION**

**FREEZER COMPARTMENT**



**REFRIGERATOR COMPARTMENT**

